ACTIA®

ACTIA® MULTIMEDIA

for COACH & BUS

2008 - 2009

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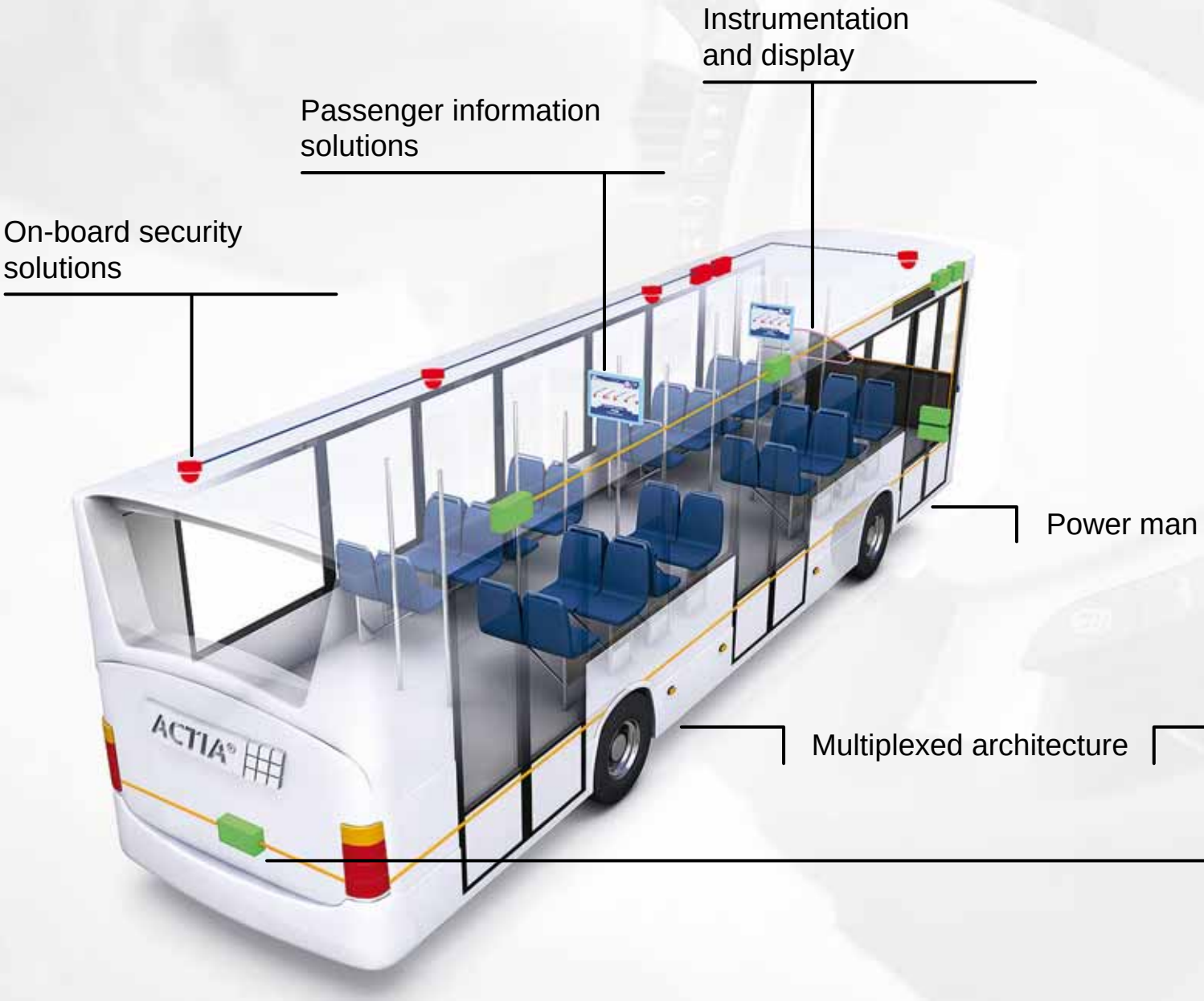
ACTIA®
on-board solutions

ACTIA®, a complete package for buses and coaches



Instrumentation
and display

Social data
management

ENOS on-board
multimedia system

agement

Smart electrical management

Driver and Guide Environment

ENOS system
for touring and luxury coaches

Multimedia unit with navigation, hard disk and integrated Bluetooth hands-free kit

ACTIA® opens the door to a new era in on-board navigation and entertainment for touring coaches.

This multimedia unit, with its 7” touch screen offers the driver intuitive control of all the multimedia functions in the vehicle.

ENOS* offers a wide variety of features, in particular Bluetooth telephony and a music library on hard disk.

** Entertainment & Navigation Onboard System*

00:10
Stereophonics - J.E.E.P
Stereophonics - JEEP - 02 - Ly
Stereophonics - JEEP - 03 - M
Stereophonics - JEEP - 04 - St
Driver
Music
ENTERTAINMENT & NAVIGATION ONBOARD SYSTEM

ENOS system

for touring and luxury coaches

A complete navigation and entertainment system

A complete solution

- Complete navigation and entertainment system
- Optimised integration with a 2-DIN screen and 1-DIN player
- 4x20W RMS amplifier
- 2 microphone inputs, with driver microphone override
- 4 camera inputs

Explore

- Europe-wide coverage
- Route (re)calculated in just a few seconds
- QuickNav functions
- 2D or 3D mode display
- Voice and visual instructions in 26 languages

Control

- 7” LCD touch screen
- Bluetooth hands-free kit
- Microphones
- Steering wheel controls optional

ENOS system

for high-end on-road entertainment

Music library

The performance of **ENOS** makes it the ideal music platform.
Run through your songs, artists and albums via the touch-screen.
When playing a CD or the radio, **ENOS** simultaneously
and automatically copies the CD onto the hard disk.
In just a few minutes, the entire CD and tracks IDs are loaded,
while the titles are added via a database.
Random playing of your tracks is also possible.

TFT 7" Wide Screen LCD Color Monitor
00:10
Stereophonics - J.E.E.P
Stereophonics - JEEP - 02 - L
Stereophonics - JEEP - 03 - M
Stereophonics - JEEP - 04 - St
Driver
enos

Video entertainment

- DVD-video, DVD-R, DVD-RW and DivX
- Routing: navigation maps
- Road camera or guide camera
- DVB-T tuner optional
- RCA connectivity for camcorder
- S-VIDEO connectivity for guide PC
- USB PC connectivity for digital photo camera

Audio entertainment

- Music library on hard disk
- CD-audio, CD-R, CD-RW and MP3
- MP3 player connectivity via USB
- AM/FM RDS tuner

ADP* System

for tourist and touring coaches

Multimedia platform with hard disk and WiFi transmission

With **ADP***, the driver and the guide can offer the passengers a variety of sources of information and entertainment: an automatically updated video library, personalised welcome or information messages and advertising tailored to the individual journey.

The video library avoids having to handle and deal with DVDs during the journey.
The films are programmed and transferred directly on the operator's premises.
The driver then simply has to choose the film and the show begins.

** ACTIA® Digital Platform*

Control

- 7" LCD touch screen
- Control of welcome messages
- Control of advertising messages
- Video selection from the DVD jacket

Play

- 80 GB hard disk
- RCA audio and video connectivity

Audio & video solution

for tourist coaches

New range

ACTIA® innovates with the new **ACT-500** and **ACT-501** multimedia range.
All the controls are now incorporated into the dashboard. With only two 1-DIN format modules, you can manage the main multimedia sources in your coach.
Combining these two modules enables a DVD to be played for the passengers while the driver listens to a CD. These two modules can be sold separately.

ACT-500

RADIO DVD
DivX-CD-MP3
MP4 - USB

ACT-501

DVD
DivX Player
CD-MP4
USB

Control

- Dual Zone LCD display
- Separate driver/passenger control keys
- Microphones
- Equaliser
- CD changer

Play

- CD-DVD double player
- AM/FM RDS tuner
- CD-audio, CD-R, CD-RW and MP3
- DVD-video, DVD-R, DVD-RW and DivX
- USB audio and video dual player
- MP3 player connectivity via USB

Audio & video solution

for inter-city buses

New range

A new standard is born, with the **ACT-500** radio DVD.

With this technological all-in-one, you now have a single device instead of the usual three. The **ACT-500** offers an inexpensive solution for all your entertainment requirements without having to add an amplifier and a DVD player. New functions have been added, such as playing audio and video files via a USB key.

ACT-500

RADIO DVD DivX
CD-MP3 - MP4 - USB

Control

- Dual Zone graphic display
- Separate driver/passenger control keys
- Microphones
- Equaliser
- CD changer
- TV tuner

Play

- AM/FM RDS tuner
- CD-audio, CD-R, CD-RW and MP3
- DVD-video, DVD-R, DVD-RW and DivX
- USB audio and video
- MP3 player connectivity via USB

Audio solution
for school buses

New range

With the **ACT-502**, music fans can enjoy high-quality sound and several MP3 sources.
This is the first **ACTIA®** radio with a USB connection,
The **ACT-502** enables you to connect a USB key containing audio tracks
or a USB audio player directly on the front panel.
The **ACT-502** radio is ideal for school bus and minibus drivers.
You control the radio and mike volume without having to add an external amplifier.

ACT-502
RADIO CD-MP3 – USB

Control
- LCD display
- Microphone
- Equaliser

Play
- AM/FM RDS tuner
- CD-audio, CD-R, CD-RW and MP3
- USB audio
- MP3 player connectivity via USB

Microphones

Wireless Guide Microphone - HIGH FIDELITY

By eliminating background noise and reproducing natural voice sound, the high-fidelity quality of the **ACTIA®** wireless mike guarantees a high-quality service.

The wireless mike enables the guide to leave his or her usual spot and move around the vehicle. The passengers can also take part in entertainments such as karaoke.

Guide Microphone - RUBBER

This **ACTIA®** guide mike is specially designed for intensive professional use and can withstand being dropped and occasional knocks. Its «feather» weight and ergonomics offer optimum comfort for use by guides.

It is delivered as standard with a spiral cable for connection to an **ACTIA®** installation, and is also compatible with other installations by connecting an adaptor.

Driver microphone - DYNAMIC

This high-sensitivity dynamic mike is essential for passenger announcements and is fitted with a switch in order to override all other sources in the coach.

It is easy to use and robust and its practical qualities will be much appreciated by the driver.

It is delivered as standard with a spiral cable for connection to an **ACTIA®** installation, and is also compatible with other installations by connecting an adaptor.

*A complete list of mike accessories is available in the **index**, such as the automatic microphone switch and the guide camera which will enable the guide to appear on the passenger screens as soon as the mike is switched on.*

Coach safety
and entertainment cameras

Safety, comfort and entertainment

In order to meet safety, comfort and entertainment requirements, many coaches are now fitting cameras.

ACTIA® proposes a wide range of cameras specially designed for this environment, with accessories for managing the various views.

Existing or additional screens are used to visualise the images.

Display

- The **reversing camera** on the ENOS screen, the driver's screen or an additional screen
- The **door surveillance camera** on the ENOS screen, the driver's screen or an additional screen
- The **guide camera** on the passenger screens
- The **road camera** on the passenger screens

Control up to 4 cameras

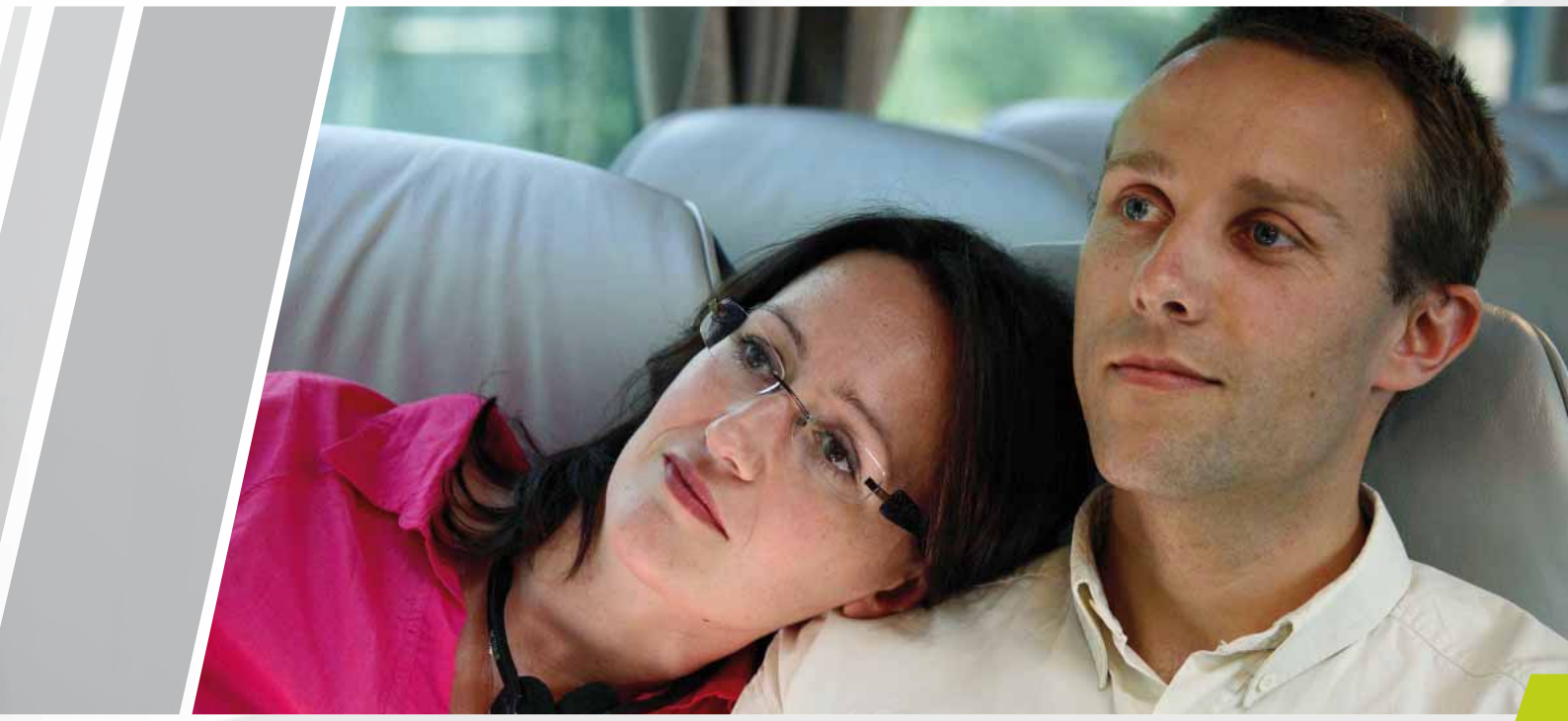
- Via the ENOS touch screen
- Via the driver's screen
- Via the additional screen and the "RETROBUS" switch

Passenger Environment

On-board cinema

Welcome to the world of on-board cinema

- Ultra-flat screens
- Wide Angle
- Fluid, balanced image
- Rich colours



Screens: LCD & CRT

Specially designed for touring coaches

The range of **ACTIA**® LCD screens offers you a real cinema experience.
They are available in several sizes and four finishes: Stylish design with motorised support, Stylish design with fixed, recessed or compatible support, the screens all blend perfectly into your vehicle interior.

STYLISH DESIGN MOTORISED	STYLISH DESIGN FIXED	COMPATIBLE	RECESSED
15" LCD **12" LCD**	**15" LCD** **14" CRT**	**22" LCD** **19" LCD** **15" LCD**	**21" CRT** **19" LCD** **15" LCD**
• Stylish design ABS frame • Motorised Support • 12-36V power supply	• Stylish design rubber frame • Fixed support • 24V power supply	• Black metal frame • 24V power supply	• Black metal frame • Safety glass facade • 24V power supply

Individual seat video library

Individual video selection

With the **ACTIA®** individual seat video package,
each passenger can access a selection of films in his own language* from his seat.
This highly innovative solution opens up new possibilities for high-end entertainment.
Each programme is totally independent and the passenger can choose to watch what he wants.

On his touch-screen, each passenger can call up the various film jackets proposed and make a choice.

And the show can begin.

The 7” colour LCD screen offers exceptional image quality, combined with a headset jack socket.

**Languages available according to each DVD*

Individual seat sound

Individual control box

This individual seat audio system is today a firm favourite with all coach professionals.
With its stylish, high-strength aluminium structure, it adds an extra touch of class to your vehicle.
The keys on the control module, also made of aluminium, are backlit for night-time operation.
Your passengers can thus derive full enjoyment from the multiple audio sources you propose, without disturbing those nearby.

DataVOX multilingual system
for City Tours

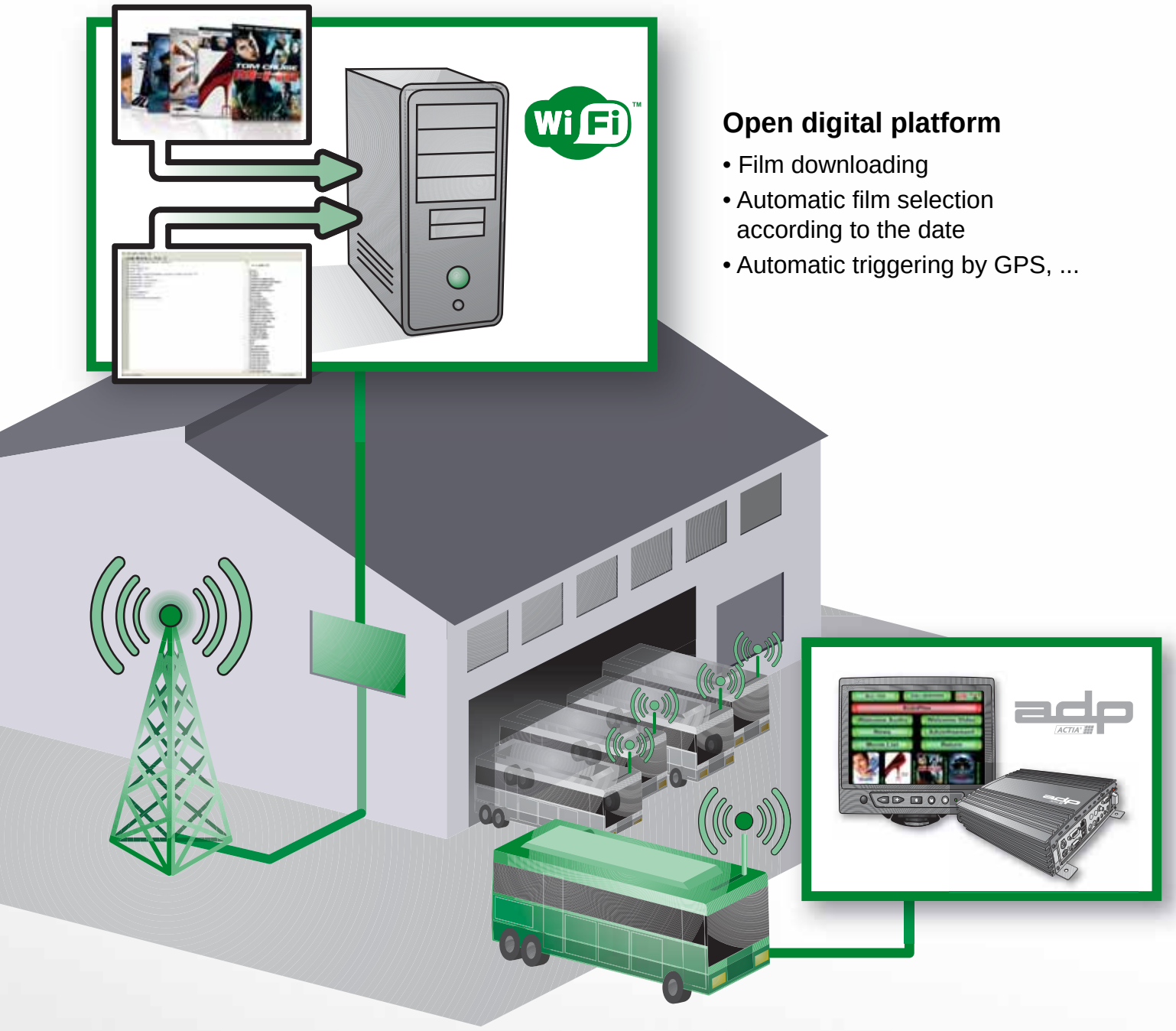
The **DataVOX** multilingual system, allied with individual audio,
is ideally suited to double-decker city tours,
outputs different languages with remarkable audio quality.

With its graphic display remote-control,
the **DataVOX** is particularly easy to use by the driver or the guide.
It is equipped with an extremely precise GPS so sequences are triggered automatically,
requiring no staff intervention.

- **Reliable:** sound is stored in the static memory
- **Complete:** 5 hours per language, 16 different circuits and 990 possible messages
- **Flexible:** you can modify commentaries yourself, by means of the transfer kit
- **Scalable:** your datavox can be used to listen to 4 to 16 languages simultaneously
- **Open:** a video player can be connected to the datavox remote-control
- **Automatic:** thanks to GPS triggering

Operator Environment

Centralised management of audiovisual content for your coach fleet



Open digital platform

- Film downloading
- Automatic film selection according to the date
- Automatic triggering by GPS, ...

Management of content
playing in the coach and bus fleet

Fleet managers can now enjoy simple management of collective film projections with the **NEW** software in the **ADP** (ACTIA Digital Platform) system.

From your operations centre, you can use the software to download your audiovisual programming to all the vehicles in the fleet.

Programming is automatically updated and downloaded via a WiFi terminal when the vehicle returns to the depot, ensuring that each vehicle in the fleet is programmed.

On-board each coach you control

- Films
- Information messages
- Advertisements

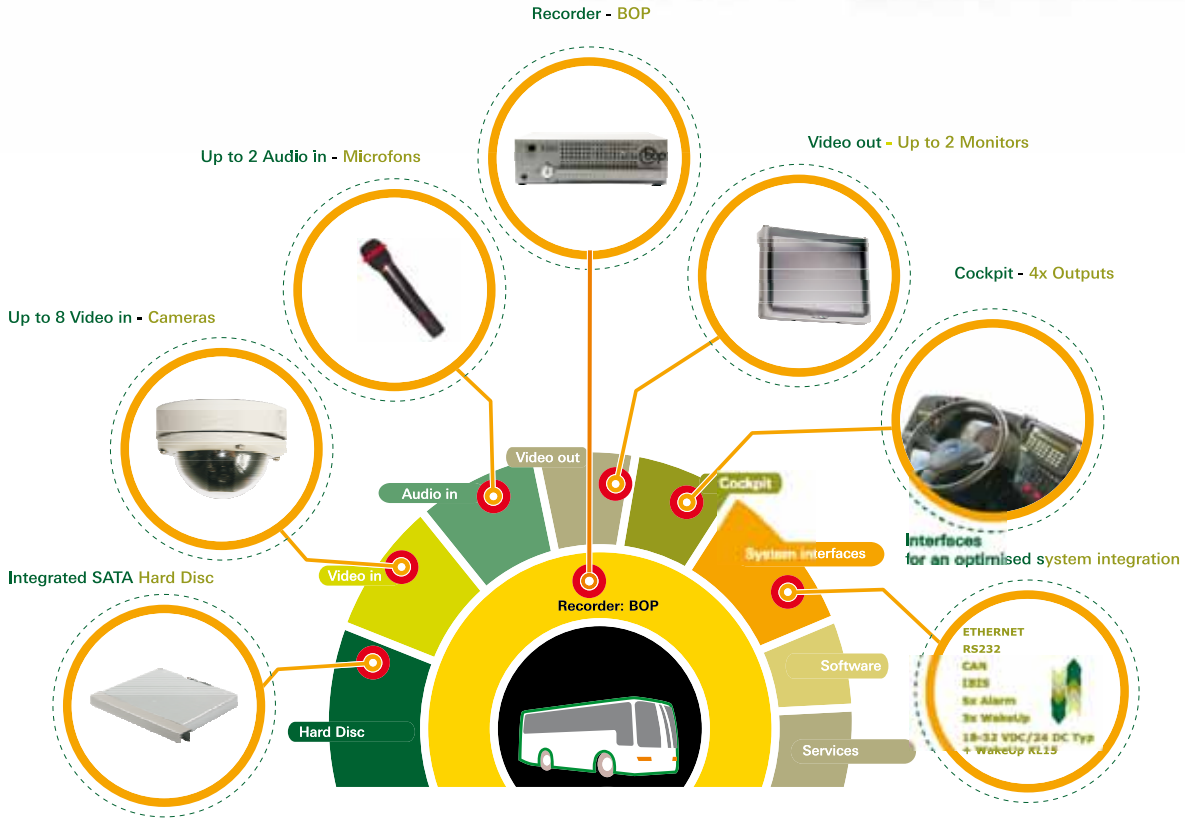
Optimise

- Guaranteed programme compliance
- No DVD or VHS medium to deal with
- A complete service for all vehicles
- Lower costs
- Competitive edge
- Innovative image

Security management
in the coach and bus fleet

New BOP video-surveillance system (Bus Observer Protection)

Specially designed to comply with the new public transport safety regulations and requirements for persons and property, the **BOP** can be integrated either into a security control centre type system or into an independent, individual vehicle management system.



BOP

The **BOP** gives high-definition image acquisition of up to 25 images/s from all H264/MPEG4 format cameras. Its complete connectivity enables it to interface and communicate with all ground and on-board systems.

For easy integration into the vehicle's technical racks, the **BOP** proposes a compact, secure module. The removable 2.5" hard disk is protected from knocks and vibrations in its housing and offers storage capacity of several hundred hours at 25 images/s for each camera.

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